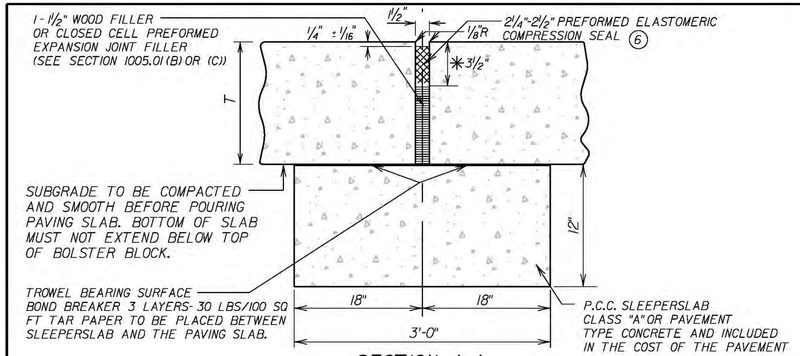
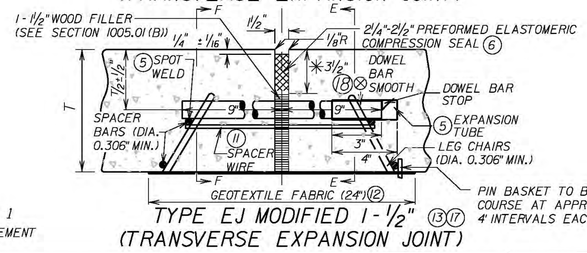
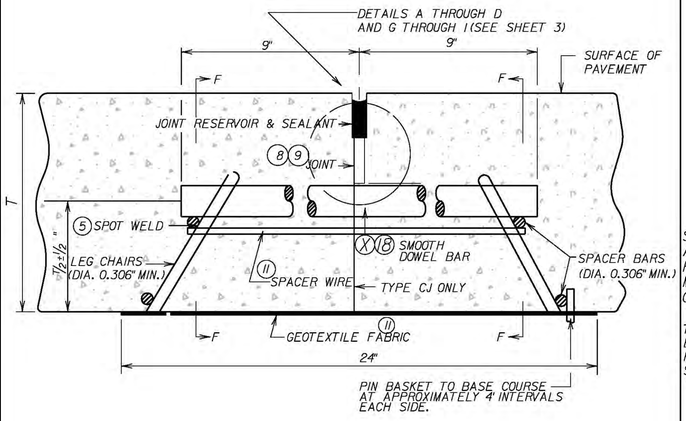


SECTION A-A
TYPE EJ 1-1/2" JOINT
(TRANSVERSE EXPANSION JOINT)

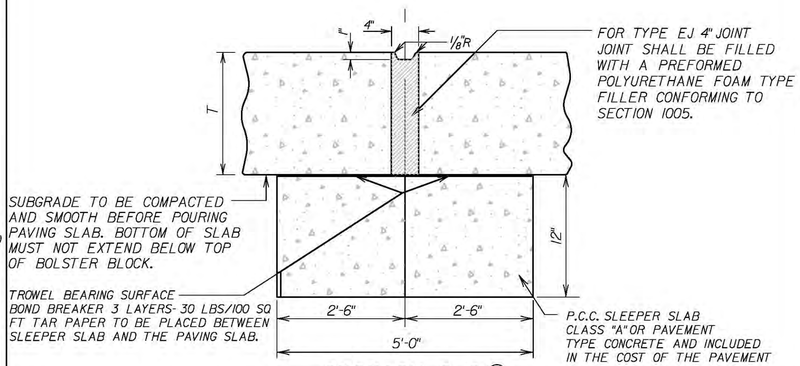


⊗ SEE TABLE 1
✳ 3" FOR 8" PAVEMENT

TYPE EJ MODIFIED 1-1/2" (13)(17)
(TRANSVERSE EXPANSION JOINT)



SECTION B-B
TYPE TCJ OR CJ (13)
(TRANSVERSE CONTRACTION JOINT OR CONSTRUCTION JOINT)
⊗ SEE TABLE 1



SECTION C-C (17)
TYPE EJ 4" JOINT
& SLEEPER SLAB

SECTION D-D
TYPE LCJ (WITH A KEYWAY)
(LONGITUDINAL CONSTRUCTION JOINT)
✳ FOR KEYWAY DIMENSIONS A & B SEE TABLE 1.
⊠ SEE TABLE 1
IN LIEU OF THE KEYWAY, ONE OF THE FOLLOWING OPTIONS WILL BE ALLOWED:
A. INSTALL TIE BARS OF THE SIZE SHOWN IN TABLE 1, AT 1/2 THE SPACING.
B. INSTALL TIE BARS 1/4" LARGER THAN THE TIE BAR DIAMETERS SHOWN IN TABLE 1, AT THE SAME SPACING.

SECTION D-D
TYPE LJ (WITHOUT A KEYWAY)
(LONGITUDINAL JOINT)
(REQUIRED WHEN PAVEMENT WIDTH EXCEEDS 15')
(SEE NOTE (8))
⊠ SEE TABLE 1

SECTION E-E
⊗ SEE TABLE 1

SECTION F-F
⊗ SEE TABLE 1

SECTION G-G
DOWEL BAR SPACING FOR
TYPE TCJ, CJ, EJ 1 - 1/2",
AND EJ 1 - 1/2" MODIFIED JOINTS

SECTION H-H
TYPE LBJ
(LONGITUDINAL BUTT JOINT)
⊠(16) DEFORMED TIE BARS OF THE SIZE, LENGTH AND ONE HALF THE SPACING SPECIFIED IN TABLE 1 SHALL BE USED. THE BARS SHALL BE INSTALLED IN EXISTING PAVEMENT BY DRILLING HOLES LARGER THAN THE BAR DIAMETER (1/8" WHEN EPOXY IS USED, 1/2" WHEN A CEMENTITIOUS GROUT ANCHOR SYSTEM IS USED, AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS WHEN ADHESIVE ANCHOR SYSTEMS ARE USED) TO A REQUIRED DEPTH OF 1/2 THE BAR LENGTH. THE HOLES SHALL BE DRILLED AND FILLED IN ACCORDANCE WITH SECTION 601 BEFORE INSERTION OF THE TIE BARS.

SECTION I-I
HOT POURED SEALANT
SECTION 1005

SECTION J-J
TYPE BJ
(TRANSVERSE BUTT JOINT)
⊗(16) SMOOTH DOWEL BARS OF THE SIZE, LENGTH AND SPACING AS SPECIFIED IN TABLE 1 SHALL BE USED. THE BARS SHALL BE INSTALLED IN THE EXISTING PAVEMENT BY DRILLING HOLES 1/8" LARGER THAN THE DIA. OF THE DOWEL BAR TO A REQUIRED DEPTH OF 1/2 THE BAR LENGTH. THE HOLES SHALL BE DRILLED AND FILLED IN ACCORDANCE WITH SECTION 601 BEFORE INSERTION OF THE DOWEL BARS. (SEE TABLE 1). GREASE BARS PRIOR TO PLACING CONCRETE PAVEMENT.

NOT TO SCALE

FEBRUARY
2016

PORTLAND CEMENT CONCRETE
PAVEMENT DETAILS
2 OF 7

CP-01

SHEET
2
OF 7